



8th International Virtual Conference on Chemistry and Analytical Chemistry

April 04-05, 2026

Scientific Program

Chemistry Meeting 2026

Virtual (Teams Meeting) | Time Zone: GMT+0 (London, UK)

April 04, 2026

Opening Ceremony

Time: 10:00-10:05 AM

Keynote Session

10:05-10:30	Title: Synthesis And Study Of The Properties Of A Copolymer Based On 4,4'-Oxydiphenylbismaleimide And Allyl Salicylate
	Guliyeva Shahana, Institute of Polymer Materials of the Ministry of Science and Education of the Republic of Azerbaijan
10:30-10:55	Title: Environmentally sustainable isotropic gold nanoparticles synthesized using Allium schoenoprasum and their antimicrobial potential
	Nagy E. Moustafa, El-Baha University, Saudi Arabia
10:55-11:20	Title: Characterization of morphologic and structural properties for $(\text{Na}_{0.5}\text{Bi}_{0.5})_{1-x}\text{Mg}_x[(\text{Ti}_{0.8}\text{Zr}_{0.2})_{0.9}(\text{Nb}_{2/3}\text{Zn}_{1/3})_{0.1}]\text{O}_3$
	Zakaria ouahab, University of Biskra, Algeria
11:20-11:45	Title: Intra-Protein Remodeling in Diabetic Saliva: A Structure-Informed Peptide-Centric DIA Analysis
	Rui Vitorino, University of Porto, Portugal

Plenary Speaker Session

Session Details	Analytical Chemistry *** Pharmaceutical Chemistry *** Research Studies in Pharmacology *** Chemical Engineering *** Drug Delivery Techniques ***
Session Chairperson	Mitsu Patel, UCLA School of Dentistry, The University of California, Los Angeles, USA
11:45-12:10	Title: AutoEpiCollect 2.0: A Web-Based Machine Learning Tool for Personalized Peptide Cancer Vaccine Design
	Clifford Kim, Georgetown University School of Medicine, USA
	Nina Shelton, Georgetown University School of Medicine, USA
12:10-12:35	Title: Structural Insights into Synaptic Protein Mutations Associated with Autism Spectrum Disorder
	Mitu Rani Das, Institute of Science Tokyo, Japan
12:35-13:00	Title: Azidohomoalanine (AHA) Metabolic Labeling Reveals Unique Proteomic Insights into Protein Synthesis and Degradation in Response to Bortezomib Treatment

	Lina Alhourani, Jordan University of Science and Technology, Jordan
13:00-13:25	Title: Interacting Quantum Atoms Analysis of Covalent and Collective Interactions in Single Elongated Carbon–Carbon Bonds
	Antonio Bonesana-Espinoza, Instituto de Química, Universidad Nacional Autónoma de México
13:25-13:50	Title: Computational drug discovery based on phytochemicals as carbapenemase inhibitors: Integrating molecular docking, MD simulations, and ADMET profiling
	Fatima Mourabiti, Hassan II University of Casablanca, Morocco
13:50-14:15	Title: Magnetised 3-aminopropyltriethoxysilane functionalized hydrochar for Cr(VI) removal
	Vusumzi Emmanuel Pakade, University of South Africa
14:15-14:40	Title: Advancing hNQO1-activatable NIR-II probes supports a new class of high-contrast imaging agents for intraoperative guidance and precision oncology
	Bamise Egbewole, Virginia Tech, Department of Chemistry, USA
14:40-15:05	Title: Morphological Evaluation and Water Uptake Performance of Sustainable Low-Density Polyethylene/Rice Husk Waste Composites
	Ibrahim Modu, Nigeria
15:05-15:30	Title: Investigating the synergistic effect of two modification steps: hydrogenation and decoration with copper and nickel species in titanium dioxide nanotubes on electrocatalytic properties
	Hamed Namdar-Asl, Sahand University of Technology, Iran
15:30-15:55	Title: Recent Advances in Benzo[a]phenoxazine-based Fluorescent Probes for Molecular Sensing and Cancer Imaging
	Kalayou Hiluf Gebremdhin, Mekelle University, Mekelle, Ethiopia
15:55-16:20	Title: Characterization, seasonal change, source apportionment, and health risk estimation of black carbon over an East Indian metropolitan region
	Tapan Kumar Sankar, G H Rasoni University, India
16:20-16:45	Title: Chlorophyll-chlorophyll interactions
	Edward Dratz, Montana State University, USA
16:45-17:10	Poster Presentation
P001	Title: Application of in silico methods for the identification of PROTAC degraders targeting neurodegenerative diseases: pharmacokinetic properties and toxicity
	Natalia Kubryń, PhD, Collegium Medicum of Nicolaus Copernicus University in Bydgoszcz, Poland
P002	Title: First electrochemical bioplatfrom to assist in personalized 5-fluorouracil chemotherapy
	Mohamed Zouari, Universitaire Manar, Tunisia
P003	Title: Insight into the Adsorption Behavior of Carbon Nanoparticles Derived from Coffee Skin Waste for Remediating Water Contaminated with Pharmaceutical Ingredients
	Mutaz Ezzeldien Salih Amin, University of Riyadh, Saudi Arabia
P004	Title: RNA Co-Expression Analysis (RCA): A Novel Method to Identify Biomarkers for Cell Functions in Health and Diseases
	Sungchul Ji, Rutgers University, USA
End of the Session	

Closing Ceremony

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